

FILE NOTATIONS

Entered in FID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief 7
Approval Letter 2-13-75
Disapproval Letter

COMPLETION DATA:

Date Well Completed 6-21-75

DW..... WW..... TA.....

GW..... OS..... PA..... ✓

Location Inspected

Bond released

State or Fee Land

LOGS FILED

Driller's Log ✓

Electric Log (No.) ✓

..... Drill Log GR-N Micro

WIC Sonic CR MI-L Sonic

CBLog CULog Others

February 4, 1975

Mr. Ed Gynn
U.S.G.S. Acting District Engineer
8th Floor, Federal Building
Salt Lake City, Utah 84111

Dear Sir:

C.C. Co. of Salt Lake City, Utah wishes to make application to drill a test well on Lease # U 16965 A in Section 11 T 21, So. R 23 E, Grand County, Utah as filed in triplicate on form 9-331C.

In addition to the information given on form 9-331C, may we submit the following information on a 12 point plan of development:


1. Existing roads. Attached is a photo copy of U.S.G.S. quadrangle showing main highways and access roads leading to well location in Section 11, T 21 S, R 23 E.
2. Planned access roads. The C.C. Co. - Adak # 11-1 will be 1/4 mile north of Interstate 70 and can be reached from existing roads which service the Vukasovich and Lansdale gas wells in Sections 2, 3, and 10. A graded access road 1/8 mile long connects with the old dirt road north from Cisco to Promatory wells in Section 2, T 21 S, R 23 E. The leasee agrees to upgrade the road to the well or other improvements which may be required by the B.L.M. District Manager or his authorized representative. In the event the well becomes a producer, leasee agrees to upgrade existing roads which may include culverts, graveling and secondary improvements.
3. Location of wells. The proposed location of C.C. Co.- Adak #11-1 is one mile east of the Losey gas well in Section 10, two miles southeast of the Vukasovich Fed. #5 well and one mile south of east from the Grand Gas Pipeline.
4. Lateral roads to well location. (See attached map).
5. Location of tank batteries and flow lines will be set after drilling rig is removed and location graded. Flow lines will be laid in best location for connection to existing gas trunk line.

Ed Guynn
C.C. Co. - Adak 11-1

6. Location and types of water. Water can be hauled from the Colorado River 7 miles to the southeast. Test well will be drilled with air and air mist.
7. Waste disposal. Liquid wastes will be temporarily run in reserve pit--solids to the refuse pit and removed after drilling.
8. Location of camp. No camp required.
9. Location of airstrip. No airstrip required.
10. Rig location layout. (See rig layout sheet.)
11. Restoration of surface. When drilling is completed and equipment removed, surface will be graded and restored in accordance with the B.L.M. program for well site restoration. A gravel base will be set for tanks and driveways to production facilities.
12. Broadhead Drilling Co. ^{rig} will be equipped with A.P.I. Series 600 Double Ram Blowout Preventors. Tests will be made before drilling out from under surface, checked daily and when drill comes out of hole.

C.C. Co. trusts that the above drilling proposal, with map, charts and forms, will provide necessary information to grant permit to drill the C.C. Co. - Adak #11-1 well.

Very truly yours,


Lewis F. Wells, Agent
C. C. Co.

LFW/hw

Encl.

Lewis F. Wells

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

C.C. Co.

3. ADDRESS OF OPERATOR

2723 Melbourne St. S.I.J., Utah 84106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1890' W of E line, 2160' N of south line, Sec. 11

At proposed prod. zone T 21 S, R 23 E

Same within 50'

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

10 miles east of Cisco, Utah

16. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

1840'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1 mile

16. NO. OF ACRES IN LEASE

1400

19. PROPOSED DEPTH

1200'

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

20. ROTARY OR CABLE TOOLS

Rotary tools

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4450' GR

22. APPROX. DATE WORK WILL START*

March 1, 1975

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	used 10.5	90' (3 joints)	Cemented back to surface
6 1/4"	4 1/2"			for production.

Operator proposes to drill with air and air mist from under surface casing to 1200'

Projected tops:

102-5

Surface	Mancos shale
800'	Dakota Sandstone
890'	Cedar Mountain
1090'	Buckhorn ss
Maximum 1200'	

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Owner

DATE

Feb. 4, 1975

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

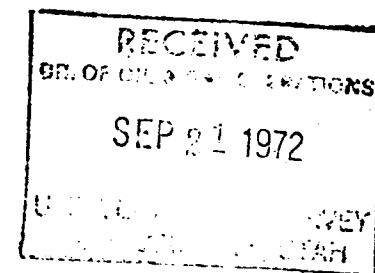
DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

A detailed map of a well location on a grid. The grid is defined by north-south and east-west lines. The well location is marked with a circle and a dot, labeled "WELL LOCATION" and "Elev. 4150 GR". Handwritten notes include "1750" and "1320" near the top left, and "1840'" and "2160'" near the well. The map includes bearings like "N 89° 53' W" and "N 89° 51' W" along the top, and "N 89° 54' W" and "N 89° 56' W" along the bottom. The left side is labeled "N 89° 01' E" and "N 89° 01' E", and the right side is labeled "N 89° 02' E" and "N 89° 02' E".

Well location as shown is in the NW 1/4, SE 1/4,
Section 11, T21S, R23E, S. L. B. M. Grand Cty, Utah



This is to certify that this plat was prepared from field notes of actual survey made Sept. 13, 1972 and that the same is true and correct to the best of my knowledge and belief.

Lewis A. Hill
Certified Professional Geologist
186

ADAK ENERGY CORPORATION
68 South Main St.
Salt Lake City, Utah

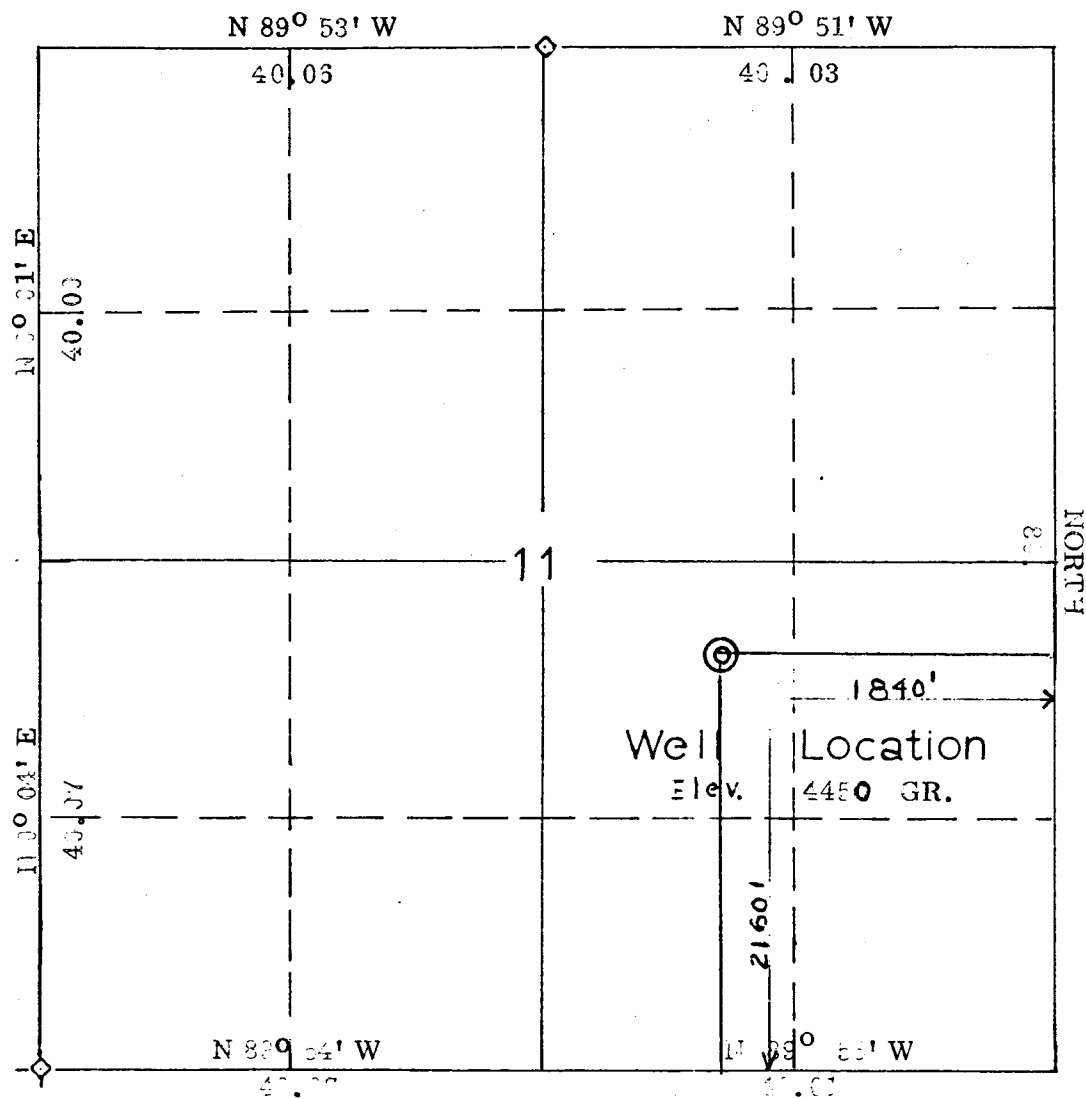
Scale. 1" 1000'

Date Sept 19, 1972

Ref: GLO Plat

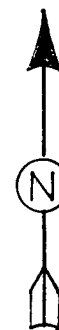
Approved

T21S R23E S.L.B.M



◇ Section Corners (Brass Cap) Located

Well location as shown is in the NE 1/4 NW 1/4 SE 1/4
Section 11, T21S. R23E S.L.B.M. Grand County, Utah



This to certify that this plat was prepared
from field notes of actual survey made June 20, 1972
and that the same is true and correct to best of
my knowledge and belief.

Lewis J. Wells
Certified Professional Geologist #481

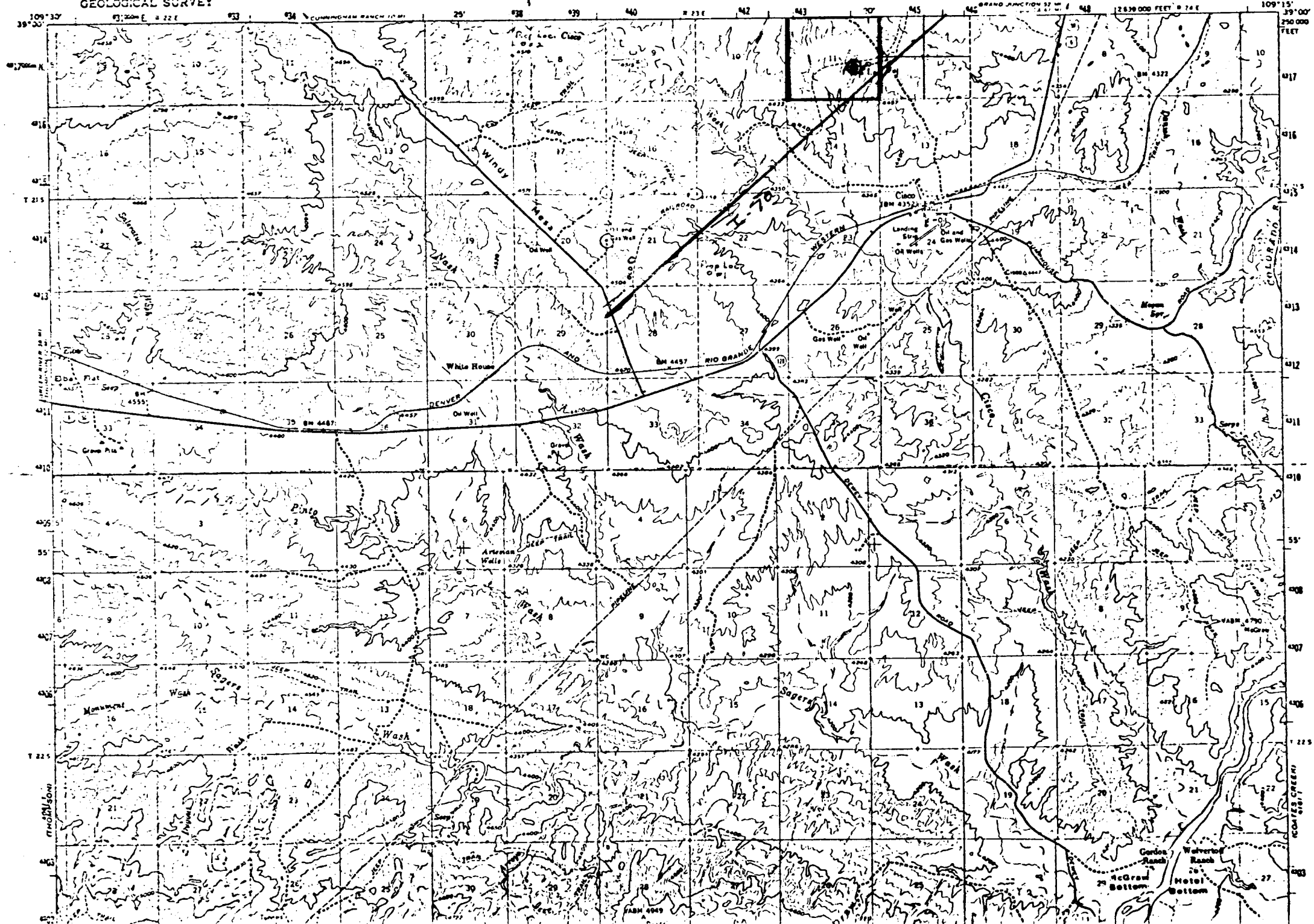
ADAK ENERGY CORP.
38 South Main St.
Salt Lake City, Utah

Scale 1"=1000'

Date *July 23, 1972*

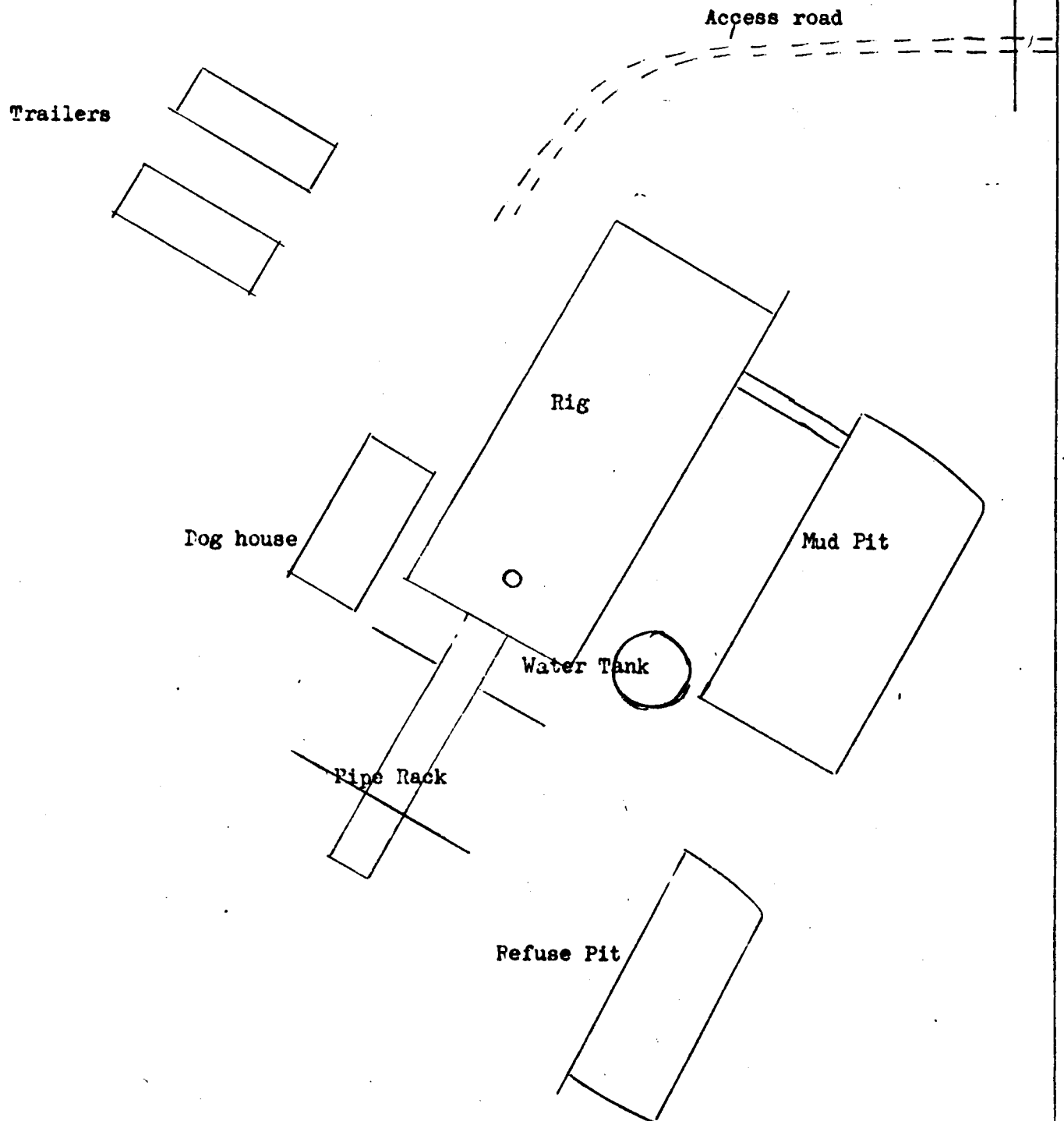
Ref: GLO Plat

Approved *Lewis J. Wells* 3-3-75



WELL LOCATION PLAT for Rig # 1.

Broadhead Drilling Co.



February 5, 1975


Mr. Ed Gwynn
Acting District Engineer,
U.S.G.S.
8th Floor Federal Bldg.
Salt Lake City, Utah 84111

Dear Sir:

Adak Energy Corp. would like to withdraw and cancel the application to drill on lease No. U 16965 in Section 11, T 21 S, R 23 E, Grand County, Utah which has been pending since September 8, 1962.

This acreage has been farmed out to C.C. Co. and a new application is herewith submitted to cover the proposed test in Section 11, T 21 S, R 23 E, Grand County, Utah.

Sincerely,


Lewis F. Wells
Agent

LFW/hw

February 13, 1975

C.C. Company
2723 Melbourne Street
Salt Lake City, Utah 84106

Re: Well No. Federal No. 11-1
Sec. 11, T. 21 S, R. 23 E,
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director
HOME: 466-4455
OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-019-30230.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw
cc: U.S. Geological Survey

PI
7
April 10, 1975

C
O
P
Y
U.S.G.S., Oil & Gas Division
125 So. State
Salt Lake City, Utah 84111

Attn: Mr. Ed Gwynn


Re: CC Co. test 11-1
Cisco, Grand Co., Utah
Sec. 11, T 21 S, R 23 E
API #43-019-30230

Gentlemen:

Please note corrected and revised location
plat for CC Co. well, 11-1 to be drilled in Section 11,
T 21 S, R 23 E in Grand County, Utah.

The revised copy is for your files and
replaces the location plat filed with the original
application.

Very Truly yours,


Lewis F. Wells
CC Co., agent

LFW/hw

cc: R. Alexander
Dean H. Christensen
/Utah Oil & Gas Commission

66. 6

SUMMARY OF ENVIRONMENTAL IMPACT EVALUATION

Adak Fed 11-1

NWNE 11-21s-23E

Cisco Field Gravel Co.

with 4-16965.

3-5-75

USCS - ALEXANDER

BLM - Neggley

cc 6 - Lewis

10 Enhance

☐ No Effect

☒ Minor Impact

☒ Major Impact.

Adak Fed 11-1 NWNE 11-21s-23E Ciscop Field, Grand C. Uch 4-16965. 3-5-75 USGS - Alexander BLM - Neggley CC Co - Lewis		Construction	Pollution	Drilling Production	Transport Operations	Accidents	Other													
<input checked="" type="checkbox"/> Enhance <input type="checkbox"/> No Effect <input checked="" type="checkbox"/> Minor Impact <input checked="" type="checkbox"/> Major Impact		Roads, bridges, airports	Transmission lines, pipelines	Dams & impoundments	Others (pump stations, compressor stations, etc.)	Burning, noise, junk disposal	Liquid effluent discharge	Subsurface disposal	Others (toxic gases, noxious gas, etc.)	Well drilling	Fluid removal (Prod. wells, facilities)	Secondary Recovery	Noise or obstruction of scenic views	Mineral processing (ext. facilities)	Others	Trucks	Pipelines	Others	Spills and leaks	Operational failure
Land Use	Forestry	NA																		
	Grazing	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Wilderness	NA																		
	Agriculture	NA																		
	Residential-Commercial	NA																		
	Mineral Extraction	NA																		
	Recreation	✓	0	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Scenic Views	✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Parks, Reserves, Monuments	NA																		
	Historical Sites	NA																		
	Unique Physical Features	NA																		
	Flora & Fauna	Birds	✓				/					/							/	
Land Animals		✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Fish		NA																		
Endangered Species		None Known																		
Trees, Grass, Etc.		✓	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Phy. Charact.	Surface Water	NA																		
	Underground Water	?																		
	Air Quality	✓				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Erosion	✓				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Effect On Local Economy		0	0							0					0					
	Safety & Health	✓				/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Others CC, A&S, NRMMA, Ciscop RIVER, D... Log Comm, etc.																				

EWG
11/25

June 23, 1975

MEMO FOR FILING

Re: C.C. Company
Adak Lease 11-1
Cisco Field
Sec. 11, T. 21 S., R. 23 E.
Grand County, Utah

1) On June 23, 1975, at 8:30 a.m., after being notified by Cleon Feight that Dean Christensen had notified him of a blow-out on the above mentioned well, and that oil was escaping around the annular area between the surface casing and the surface hole.

Supposedly, 77' of surface pipe had been set and cemented to surface. (7" pipe in 9" hole) the T.D. at the time of the blow-out was 1123' K.B.

2) Called D. Christensen - will be out of pocket until Wednesday.

3) Called U.S.G.S. - talked with Bill Martin. He informed me that Ed Guinn had been there since Sunday. Well had been brought under control with heavy mud. The U.S.G.S. recommendations were not known at this time.

4) State Oil, Gas, and Mining Division passed on the following suggested recommendation to Bill Martin.

A) When well is under control and operator drills to permitted T.D., and when the 4½" production casing is set, it be cemented from top to bottom by circulating cement to surface.

It appears, from third and fourth hand information, that when the well kicked, the B.O.P.'s were closed in, and excess pressure evidently ruptured the formation below the surface casing seat (inadequate amount of surface pipe) and allowed oil to leak around the outside of the surface pipe. There is no known reasonable way to secure this created condition without setting an intermediate string. The hole and casing program size virtually prohibits this,

Therefore, it is felt the recommendation to cement the production string from top to bottom, is the only safe and sure method.

The U.S.G.S. stated, that they would take this recommendation under advisement.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb
cc: U.S. GEOLOGICAL SURVEY
C.C. Company

June 26, 1975

MEMO FOR FILING

Re: C.C. Company
Adak Lease 11-1
Cisco Field
Sec. 11, T. 21 S., R. 23 E.
Grand County, Utah

Mr. Dean Christensen reported to this office the following information:

- 1) They were successful in controlling the well by circulating 16 #/gal drilling mud.
- 2) Approximately 300-400 BBLs of oil have been recovered from the mud pits.
- 3) Estimated daily flow rate is 250-300 BOPD.
- 4) The well will be logged approximately June 27, 1975, or as soon as surface clean-up work is completed.
- 5) The production casing will be cemented to the surface as previously suggested.

PATRICK L. DRISCOLL
CHIEF PETROLEUM ENGINEER

PLD:tb

cc: U.S. GEOLOGICAL SURVEY
C.C. Company



United States Department of the Interior

GEOLOGICAL SURVEY
Conservation Division
8426 Federal Building
Salt Lake City, Utah 84138

June 30, 1975

File *RG*

Mr. Dean Christensen
C. C. Company
2723 Melbourne Street
Salt Lake City, Utah 84106

Re: Loss of Well Control
C. C. Co. Adak Well No. 11-1
NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec. 11-21S-23E
Grand County, Utah
Cisco Springs Field Area
Lease U-16965

Dear Mr. Christensen:

Your report of loss of well control on June 21, 1975, 4:30 p.m. for the referenced well is confirmed. BLM, Moab and EPA, Denver, have been notified. As a result of my onsite inspection of the well--control of the well had not been regained--June 23, 1975 12:30-4:00 p.m. This will also confirm oral requirements made at that time and in various telephone conversation with Mr. Lou Wells, consultant geologist. At the onsite inspection it was agreed that 200 bbls of 16-18 lb/gal mud would be necessary to regain control of the well. This volume and weight was mixed and pumped and well control was regained about 2:00 a.m. June 23, 1975. About 25 bbls of this volume of mud was not needed and was held in reserve. All oil from the well would be removed from the well site and the rig steam cleaned before starting engines and resuming operations with the rig. Oil production caught in the two retaining pits (one additional pit dug for that purpose to prevent entry of the oil into natural drainage) would be picked up and marketed. Approximately 185 bbls of oil have been trucked to market facilities to date. A June 24, 1975 telecon with Mr. Lou Wells indicated that the rig and location had been cleaned up and preparations were being made to resume operations. The drill pipe was stuck and could not be moved up or down. The following requirements were imposed on the resumption of operations:

1. A 2" line from the 2" access on the casing head under the BOP would be laid to the large pit (west of rig) and staked down. This line would be equipped with an adjustable choke or valve--preferably the choke--to facilitate future well control. (Completed)

2. A mud balance will be obtained for use at the rig. Mud weights will be checked frequently and entered in the Daily Drilling Log. Mud weight shall be maintained at a minimum of 16.0 lb/gal throughout the remainder of this operation.
3. When the pipe frees up and can be pulled out of the hole or it is decided to clean out to total depth, the hole shall be kept full at all times. Fill up will be made on the removal of each joint of drill pipe. (The rig pulls single joints.) Fill up is made with the kelly on and shall be checked with the pump shut down. The hole should be full and there should be no flow prior to pulling the next joint. In the event the decision is to clean out to Total Depth and condition the hole for logging, bottoms shall be circulated up on each joint drilled or washed down. These joints are about 25 ft. in length and extreme caution should be exercised in drilling down each joint. Prior to making connections the flow line shall be checked for flow--no flow of the mud column with pump off.
4. If the hole is logged, a lubricator capable of accepting the full length of the logging tool shall be rigged and pressure tested prior to the log run(s). A similar lubricator shall be rigged for any additional down hole wireline operations (perforating, etc.)
5. If production casing is run, it shall be cemented with a full column of cement to the surface or a minimum of 50 ft. into the surface casing (Minimum cement top at 47 ft.).
6. Daily reports of well activity and condition shall be made to this office--Phone 524-5650--or to my home if operations prohibit a call during office hours. My home phone is 582-7042 (Salt Lake)

Requirements Nos. 1 and 2 were reported as completed. Mud weight has been as low as 15.3 lb/gal. Some gas cutting is evident at this weight but this has been attributed to circulation rate. Mud weight should be maintained at minimum of 16.0 lb/gal.

This office recognizes that there have been many wells drilled in the Cisco Area without encountering abnormal pressures or loss of well control and that, in your well, this is probably a stray sand contribution to your loss of well control. All drilling operations in T21S, R23E, SLB&M Grand County, Utah, especially north of I-70 Freeway, have been or will be, on receipt of an Application for Permit to Drill, suspended until after a meeting in this office with the lessee or operator, drilling foreman or consultant in charge of the drilling operations, the contractor and other interested or involved party or parties, to discuss revision of casing programs and well control facilities. This does not include oper-

ations on Adak Well No. 11-1. These operations must continue diligently until the danger of loss of well control is passed-- when the well is cased to total depth and completed or has been adequately cemented to the surface.

Sincerely yours,



E. W. Guynn
District Engineer

cc: A. A. Minerals, Salt Lake City
Lou Wells, Thompson Motel, Thompson, Utah
✓ OGCC, Utah Attn: Mr. Pat Drescoll
O&GS, NRMA, Casper
USGS, Vernal

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRII
(Other instruction
verse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-16965

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

ADAK-CISCO

9. WELL NO.

11-1 Gov't

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREANW $\frac{1}{4}$ SE $\frac{1}{4}$ Sect 11

T21S, R23E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☒ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

CCCo

3. ADDRESS OF OPERATOR

2723 Melbourne Street Salt Lake City, Utah 84106

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface1840' West of East Line, and 2160' N of S Line Section 11
T21S, R23E Grand County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4450 Gr

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☒
☐

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

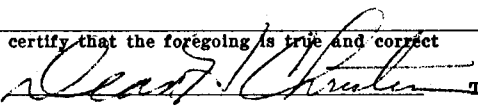
☐
☐
☒(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHED SPECIAL LETTER

18. I hereby certify that the foregoing is true and correct

SIGNED



TITLE

General Manager

DATE 7/18/75

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in
instruction on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

1085

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other <u>Cemented in</u>
2. NAME OF OPERATOR CCCo							
3. ADDRESS OF OPERATOR 2723 MELBOURNE STREET SALT LAKE CITY, UTAH 84106							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1840' West of East Line, and 2160 N of S Line Section 11 At top prod. interval reported below T21S, R23E At total depth							
14. PERMIT NO. <u>43-019-30230</u>				DATE ISSUED 1 MAY 75		5. LEASE DESIGNATION AND SERIAL NO. U-16965	
15. DATE SPUDDED MAY 24, 1975				16. DATE T.D. REACHED JUNE 21, 1975		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
17. DATE COMPL. (Ready to prod.) NO COMP.				18. ELEVATIONS (OF, RKB, RT, GR, ETC.)* 4450 GR		7. UNIT AGREEMENT NAME	
20. TOTAL DEPTH, MD & TVD 1083'				21. PLUG, BACK T.D., MD & TVD		8. FARM OR LEASE NAME ADAK-CISCO	
22. IF MULTIPLE COMPL., HOW MANY* UNKNOWN				23. INTERVALS DRILLED BY Surface to		9. WELL NO. 11-1 Gov't	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1055'-1062' CEDAR MOUNTAIN ?				25. WAS DIRECTIONAL SURVEY MADE NO		10. FIELD AND POOL, OR WILDCAT Wildcat	
26. TYPE ELECTRIC AND OTHER LOGS RUN NO ELECTRIC LOG RUN				27. WAS WELL CORED NO		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA NW 1/4 SECT 11 T21S R23E	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE 7"	WEIGHT, LB./FT.	DEPTH SET (MD) 97'	HOLE SIZE 8 3/4"	CEMENTING RECORD 25 SXS		AMOUNT PULLED NONE	
SEE SPECIAL REPORT LETTER							
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NONE							
31. PERFORATION RECORD (Interval, size and number) NONE				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				NONE			
33.* PRODUCTION see special letter report							
DATE FIRST PRODUCTION 6/21/75		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING OUT OF CONTROL				WELL STATUS (Producing or shut-in) P & A	
DATE OF TEST 6/21-22/75	HOURS TESTED 36	CHOKE SIZE -0-	PROD'N. FOR TEST PERIOD 193	OIL—BBL. 360	GAS—MCF. none	WATER—BBL. none	GAS-OIL RATIO unknown
FLOW. TUBING PRESS. -0-	CASING PRESSURE -0-	CALCULATED 24-HOUR RATE 360	OIL—BBL. 360	GAS—MCF. none	WATER—BBL. none	OIL GRAVITY-API (CORR.) unknown	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY USGS DIST ENG. ED. GUYNN	
35. LIST OF ATTACHMENTS SEE SPECIAL ATTACHED LETTER ON WELL							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Dean J. Christensen</u>				TITLE GENERAL MANAGER		DATE 7/18/75	

*(See Instructions and Spaces for Additional Data on Reverse Side)

SPECIAL REPORT ON CISCO, GRAND CO. WELL

C.C. Co. - Adak Gov't 11-1

This letter is to cover supporting data on the 11-1 test well, due to the circumstances associated with the drilling and subsequent blow out during the operation of this well.

On June 20th 1975, the operator cut an 8 foot porous sandstone at 1055' in the Cretaceous Cedar Mountain equivalent. This was oil stained and carried a good odor. Samples were circulated out and as this well was programed to test the Dakota and the two upper Morrison sandstones, the operator drilled one more joint (approximately 28') and circulated out, however, no show of gas or oil was evident in the mud and the hole was conditioned to run electric logs. A T.D. of 1083' was reached at 11:30 a.m. June 21, 1975 and the driller circulated off bottom until Schlumberger arrived on location at 12:15. At that time they started out of the hole. The second joint of drill pipe pulled a little hard. All other conditions were normal. As the crew was breaking the 4th tool joint the well started to unload due to gas pressure. The driller put the kelly back on and contractor closed the blow out preventer (B.O.P.) which checked the flow.

In about two minutes a large surge of gas and oil erupted in the mud pit and blew mud and oil all over the rig area. The driller then backed off the B.O.P. and oil and gas started flowing around the drill pipe, striking the rig floor and by this time was out of control, either through and around the 7" surface pipe or belching and

Lewis F. Wells

discharging oil and gas in the mud pits. Flowing out of control continued for 38 hours, when it was killed at 2:05 a.m. June 23, 1975. The well flowed gas and oil at an estimated rate of 15 bbls. per hour of 360 bbls. per day.

Crews were put to work ditching trench and digging earth tanks all around the well site. 192 bbls. of brown crude were shipped from the reserve pit and the earthen pit which had been constructed to contain the oil on the east side of the location.

Two attempts to kill the well with heavy drilling mud were required to bring the well under control. On the first attempt 100 bbls of 14 pound Barite mud was pumped down the drill pipe but the gas and oil pressure blew this out as fast as the Fleet cementing truck could inject mud into the well bore. The next day, 200 bbls of 16 pound mud were mixed and after seven minutes the well was killed and under control.

Three days of clean up and getting the oil spill removed from the rig and around the adjacent area were required before starting up the drilling rig. On June 25 the mud pump was started, however operator could not break circulation and a Fleet mud pump was brought on location. The additional pumping equipment was needed as 1800 pounds of pumping pressure was required to break circulation after which driller circulated and maintained the same at 200 pounds. The driller then tried to pull drill pipe with up to 40,000 pounds pressure, the drill string weighing 12,000 pounds but the pipe held firm and every attempt and operating procedure of pulling, jarring and rotating failed to free the string which was stuck at 107' off bottom.

On July 2, McCullough came on location, ran a free joint survey and found contact of the drill pipe at 737' and the nearest drill pipe tool joint at 714'. The operator then spotted 10 bbls of #2 diesel mixed with 10 gallons of Bariod Spot Free and let it sit for 12 hours. After numerous unsuccessful attempts to free the pipe, the decision to cement and abandon the well was made by the operator and approved by the U.S.G.S. District Engineer, Mr. Ed Gywnn of the Salt Lake office.

The operator then brought Fleet Cementers of Grand Junction back on location. They mixed 71 sacks of cement and pumped into the bore hole. McCullough then set a charge and the drill pipe was shot off at 714', leaving 3 joints of 2 7/8" drill pipe, 6 joints or 167' of 4" drill collars, a 2 foot sub and a 6 1/4" bit in the hole.

A second batch of cement was mixed and pumped into the hole. The balance of the 2 7/8" drill pipe was pulled as the cement level was raised in the hole and returns were circulated to surface. In all 197 sacks of cement were pumped into the hole and 32 joints (717 ft) of 2 7/8" drill pipe were recovered, leaving 89' of 2 7/8" drill pipe, 167' of drill collars and a 6 1/4" bit cemented in the hole.

The cementing operation was completed at 6:45 p.m. July 3, 1975 and an appropriate marker set at surface. A telephone report of plugging and cementing was made to the U.S.G.S. District Engineer's office at 7:30 p.m. and operations completed.

Dated: July 19, 1975

Lewis F. Wells

Geologist and Agent

Lewis F. Wells

CC Co.-Adak Govt. # 11-1
 Sec. 11m T 21 S, R 23 E
 Grand County, Utah

WELL LOGGING REPORT

85-1

DRILLING RATE IN MIN/FT.					LITHOLOGY-graphic			PHYSICAL CHARACTERISTS			RESERVIOR		REMARKS
					Depth	Inter.	%						
5	10	15	20	25				Rock Type & Color	Size & Shape	Asso. Minerals	Por. & Perm.	Oil or Gas Shows	Special Notes
													SPUDED 5-24-75 IN MANCOS SH. SE. 3 JOINTS. 7" CASING set @ 91' WITH 20 SXS.
													SAMPLES START AT 200' IN K.
					200			sh. dk gray to blk.		Calc.	-0-	-0-	30' intervals to 500' 10' SAMPLES from 500 to T.D.
					250			sh. dk gry - blk.					CRETACEOUS - MANCO SH.
					300			Shale.	N/chang				
								sh. blk silty pyritic			Hard.		
					350								
								Shale.	N/c				
					400								
					450			Silt st.	lt-dk-gry	V. hd. sharp.			FERRON ss. equi-?

CC Co.-Adak Govt. # 11-1
 Sec. 11m T 21 S, R 23 E
 Grand County, Utah

WELL LOGGING REPORT

2

DRILLING RATE IN MIN/FT.	LITHOLOGY-graphic			PHYSICAL CHARACTERISTICS			RESERVIOR		REMARKS
	Depth	Inter.	%	Rock Type & Color	Size & Shape	Asso. Minerals	Por. & Perr.	Oil or Gas Shows	Special Notes
5 10 15 20 25	450			Sh/siltst	very hd. dk gray				Ferron eqv. v. hd. drilling
				"					
				"					
				"					
	500			Sh. blk to gray w/siltst. lenses.					
				"					
				"					
				"					
	550			"					
				"					
				"					
				"					
	600			siltst. gray to lt brn. tr glau.					
				sh/siltst. bentonitic. white					
				shale dk gray	tacky - pasty.				
	650			"					
				"					
				"					
				"					
	700			Shale. lt gray	pyritic	v. hd.			
				siltst. white	w/ cr. gr ss.				
				"					
				ss. white - cl. f. gr. sub rd.	clay filled	live oil dk brn. odor. + water.			743' 1 st show. 3' approx.
	750			Silt st. wh. gr	soft.	fair por.			

MC Co.-Adak Govt. # 11-1
 Sec. 11m T 21 S, R 23 E
 Grand County, Utah

WELL LOGGING REPORT

3

DRILLING RATE IN MIN/FT.					LITHOLOGY-graphic			PHYSICAL CHARACTERISTICS			RESERVIOR		REMARKS Special Notes
5	10	15	20	25	Depth	Inter	%	Rock Type & Color	Size & Shape	Asso. Minerals	Por. & Perm.	Oil or Gas Shows	
					750'			Siltst.	gry - gry brn.				Dakota Ss. 764'
				6-12	766'			Ss.	gry-brn f-m hd.	w/banded		Tr. odor	
								Mudst - Sh	gry -				
				6-13	787'			Ss.	white - cl @ 885'	cherty v. hd		tgt.	Rust colored
								"	Sh. gry		brn-wh		
					800'			Mudst	clay filled	Pink cast			
				6-14	830'			Sh.	wh - grn	cast			
								Ls.	dk blue - gray	micro x/n.			
								Limy sh	brn - blue gray				
				6-15	830'			Mudst	wh - gray	soft.			
								Siltst.	brn-wh.	MOTTLED.			
								"					
				6-16	887'			Sh.	brn-blk.	earthy			
								"					
					900'			"					
								Mudst	grn - pink				
								Shale	gry - brn.				
								Siltst.	wh - chalky - shaly				
				6-17	930'			Sh.	gry - brn.				
								"	Tr Ss. v. gr. hd	tgt.			
					950'			Mudst.	blue - gry				
				6-18	975'			Shale	blue - gry				CEDAR MTN Ss. 990' 2nd. LK sand eqvi? drilled - 30' per foot.
								Sh.	Variegated	975'			
								"					
				6-19	990'			Ss.	brn-wh. cherty	v. hd.	tgt	None.	
					1000'			Sh.	Marron - brn.				
								Siltst	"				
								Mudst.	Marron - brn.				
								Sh.	"	" - grn			
					1050'			"	"	"			

CC Co.-Adak Govt. # 11-1
Sec. 11m T 21 S, R 23 E
Grand County, Utah

WELL LOGGING REPORT

4

DRILLING RATE IN MIN/FT.	LITHOLOGY-graphic			PHYSICAL CHARACTERISTS			RESERVIOR		REMARKS
	Depth	Inter	%	Rock Type & Color	Size & Shape	Asso. Minerals	Por. & Permr.	Oil or Gas Shows	Special Notes
5 10 15 20 25	1050'			SS. brn-gray	fine		V. Porous.	st. odor. +	Pay ss. 1055-63' φ break 1 1/2-2 1/2 min per foot. 8' - No show of gas in φ mud. T.D. 1083'.
				Sh. wh - cl.	brn - s rd. free gr.		term.	live oil stain	
	83'			Sh. red brn - Maroon.					
				T.D. 1083'					
	1100								This well blew out, when coming out of hole, 9 single stands - 107' off bottom. Flowed oil + gas. est. @ 15 bbls per hr. for 38 hrs when operator killed
	1150'								
									Well with 16" mud. at 2:05 AM, 6-23-75 and shut in well. Operator could not pull balance of drill pipe + colars. McCullough, shot of string at 7:19' - Operator, plugged, hole with 197
									SXS, @ 6:45 PM. 7-3-75
									P & A
									Prod - 1055-63, Flowed. gas cut oil 360 bbls per day
									Per day for 38 hrs; out of control 192 bbls. of oil were shipped from reserve pit. Location was oil sat. for 100' around well.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved
Budget Bureau No. 42-R1424
5. LEASE DESIGNATION AND SERIAL NO.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR VUKASOVICH DRILLING		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR 2001 Gateway Place, Suite 750 W, San Jose, California 95110		8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		9. WELL NO. VUKASOVICH 11
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Cisco Area
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Sec 10, T21S, R23E
		12. COUNTY OR PARISH GRAND
		13. STATE UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

SUBSEQUENT REPORT OF:

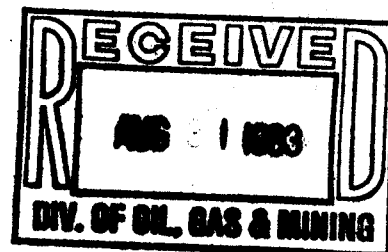
WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)	<input type="checkbox"/>		<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The Well has 1032' of casing set to a depth of 1032', with a packer set below the pipe into the zone. The Operator proposes to pump 34 sks of cement (400') of cement into the orifice under pressure.

A copy of the cement ticket from the service company will be presented with the subsequent report of plugging.



18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

AGENT

DATE

8/29/83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: